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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		212583
First Inventor		Brian J. NICKOLOFF
Title	METHOD AND REAGENTS FOR EPITHELIAL BARRIER FORMATION AND TREATMENT OF MALIGNANT AND BENIGN SKIN DISORDERS BY MODULATING THE NOTCH PATHWAY	
Express Mail Label No.		EL643546112US

<b>APPLICATION ELEMENTS</b>		Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231
<p>1. <input checked="" type="checkbox"/> Utility Patent Application Transmittal Form</p> <p>2. <input checked="" type="checkbox"/> Applicants claim small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification (including claims and abstract) [Total Pages 49]</p> <p>4. <input checked="" type="checkbox"/> Drawings [Total Sheets 1]</p> <p>5. <input type="checkbox"/> Combined Declaration and Power of Attorney [Total Pages ]</p> <p>a. <input type="checkbox"/> Newly executed</p> <p>b. <input type="checkbox"/> Copy from prior application [Note Box 6 below]</p> <p>i. <input type="checkbox"/> <u>Deletion of Inventor(s)</u> Signed statement attached deleting inventor(s) named in the prior application</p> <p>6. <input type="checkbox"/> Incorporation by Reference: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered as part of the disclosure of the accompanying application and is hereby incorporated by reference.</p> <p>7. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>8. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>9. Nucleotide and/or Amino Acid Sequence Submission</p> <p>a. <input checked="" type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input checked="" type="checkbox"/> Paper Copy</p> <p>c. <input checked="" type="checkbox"/> Statement verifying identity of above copies</p>		<b>ACCOMPANYING APPLICATION PARTS</b>
		<p>10. <input type="checkbox"/> Applicant requests early publication. (include publication fee under 37 CFR 1.18(d))</p> <p>11. <input type="checkbox"/> Assignment Papers (cover sheet and document(s))</p> <p>12. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an Assignee)</p> <p>13. <input type="checkbox"/> Power of Attorney</p> <p>14. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>15. <input type="checkbox"/> Information Disclosure Statement (IDS)</p> <p><input type="checkbox"/> Form PTO-1449</p> <p><input type="checkbox"/> Copies of Listed Documents</p> <p>16. <input type="checkbox"/> Preliminary Amendment</p> <p>17. <input checked="" type="checkbox"/> Return Receipt Postcard (Should be specifically itemized)</p> <p>18. <input type="checkbox"/> Claim of Priority &amp; Certified Copy of Priority Document(s)</p> <p>19. <input type="checkbox"/> Request &amp; Certification Under 35 USC 122(b)(2)(B)(i) (Form PTO/SB/35 or its equivalent must be submitted with this application to prevent publication at 18 months)</p> <p>20. <input type="checkbox"/> Other:</p>
<p>21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part of prior application no. _____</p> <p>Prior application information: Examiner _____ ; Group Art Unit: _____</p>		

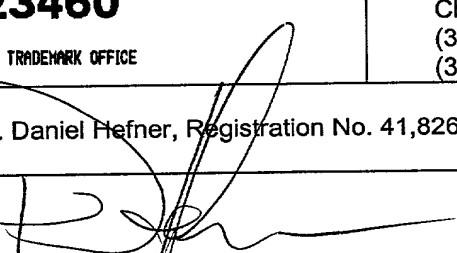
<b>BASIC FEE</b>			\$710.00
<b>CLAIMS</b>			
Total Claims	53	-20 =	33 x \$18.00 \$594.00
Independent Claims	6	- 3 =	3 x \$80.00 \$240.00
<input type="checkbox"/> Multiple Dependent Claim if applicable			+\$270.00 \$
Total of above calculations =			\$1,544.00
Reduction by 50% for filing by small entity =			(\$772.00)
<input type="checkbox"/> Assignment fee if applicable			+ \$40.00 \$
<input type="checkbox"/> Early publication fee if applicable			+ \$300.00 \$
			<b>TOTAL = \$772.00</b>

## UTILITY PATENT APPLICATION TRANSMITTAL

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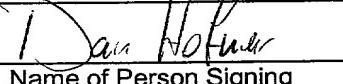
22.  Please charge my Deposit Account No. 12-1216 in the amount of \$772.00.
23.  A check in the amount of \$ is enclosed.
24. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 12-1216:
- a.  Fees required under 37 CFR 1.16.
  - b.  Fees required under 37 CFR 1.17.
25.  The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 12-1216 for any fee that may be due in connection with such a request for an extension of time.

## 26. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number: 23460  <b>23460</b> PATENT TRADEMARK OFFICE	<input type="checkbox"/> , Reg. No. Leydig, Voit & Mayer, Ltd. Two Prudential Plaza, Suite 4900 180 North Stetson Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)
Name	M. Daniel Hefner, Registration No. 41,826
Signature	
Date	August 31, 2001

## Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application Transmittal and all accompanying documents are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" Service under 37 CFR 1.10 on the date indicated below and is addressed to: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

 Name of Person Signing	 Signature	August 31, 2001 Date
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Utility (Rev. 04/26/2001)

**PATENT**  
Attorney Docket No. 212583

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Nickoloff et al.

Group Art Unit: Unassigned

Application No. Unassigned

Examiner: Unassigned

Filed: August 31, 2001

For: METHOD AND REAGENTS FOR  
EPITHELIAL BARRIER FORMATION  
AND TREATMENT OF MALIGNANT  
AND BENIGN SKIN DISORDERS BY  
MODULATING THE NOTCH PATHWAY

**SUBMISSION OF SEQUENCE LISTING**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In accordance with the requirements of 37 CFR 1.821-1.825, a sequence listing is being submitted as part of the patent application. The sequence listing is in the form of both a paper copy and a computer readable copy on a computer diskette. The undersigned hereby verifies that the content of the paper copy and the computer readable copy, as concurrently being submitted, are the same.

Respectfully submitted,

M. Daniel Hefner, Reg. No. 41,826  
One of the Attorneys for Applicant(s)  
LEYDIG, VOIT & MAYER, LTD.  
Two Prudential Plaza, Suite 4900  
180 North Stetson  
Chicago, Illinois 60601-6780  
(312) 616-5600 (telephone)  
(312) 616-5700 (facsimile)

Date: August 31, 2001